Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Journal of Hydrology 283 (2003) 290
Journal of Hydrology
www.elsevier.com/locate/jhydrol

Contents of Volume 283

Vol. 283, Nos. 1–4 **December 10, 2003**

Research Papers

Encoding prior experts judgments to improve risk analysis of extreme hydrological events via POT modeling
E. Parent and J. Bernier 1
Hydrogeological interpretation and potential of the new magnetic resonance sounding (MRS) method
M. Lubczynski and J. Roy 19
Land-surface hydrological processes in the permafrost region of the eastern Tibetan Plateau
Y. Zhang, T. Ohata and T. Kadota 41
River–groundwater interactions in the Brazilian Pantanal. The case of the Cuiabá River
P. Girard, C. J. da Silva and M. Abdo 57
Predicting the effects of landuse change on water and salt balance—a case study of a catchment affected by dryland salinity in NSW, Australia
N. K. Tuteja, G. Beale, W. Dawes, J. Vaze, B. Murphy, P. Barnett, A. Rancic, R. Evans, G. Geeves, D. W. Rassam and M. Miller... 67
A diffusive transport approach for flow routing in GIS-based flood modeling
Y. B. Liu, S. Gebremeskel, F. De Smedt, L. Hoffmann and L. Pfister 91
Entropy and generalized least square methods in assessment of the regional value of streamgages
M. Markus, H. V. Knapp and G. D. Tasker 107
Hydrochemistry, weathering and weathering rates on Madeira island
C. H. Van der Weijden and F. A. L. Pacheco 122
Surface runoff in urban catchments: morphological identification of unit hydrographs from urban databanks
F. Rodriguez, H. Andrieu and J.-D. Creutin 146
Surface energy budget and closure of the eastern Tibetan Plateau during the GAME-Tibet IOP 1998
K. Tanaka, I. Tamagawa, H. Ishikawa, Y. Ma and Z. Hu 169
Trends in nutrient concentrations in Latvian rivers and the response to the dramatic change in agriculture
P. Stålnacke, A. Grimvall, C. Libiseller, M. Laznik and I. Kokorite 184
Effects of large-scale changes in land cover on the discharge of the Tocantins River, Southeastern Amazonia
M. H. Costa, A. Botta and J. A. Cardille 206
Addendum to overland flow to and through a segment of uniform resistance
W. Hogarth, J.-Y. Parlange and C. W. Rose 218
A numerical study on the influence of fractured regions on lake/groundwater interaction; the Lake Kinneret (Sea of Galilee) case
H. Abbo, U. Shavit, D. Markel and A. Rimmer 225
Influence of grain fabric and lamination on the anisotropy of hydraulic conductivity in unconsolidated dune sands
E. H. van den Berg and J. J. de Vries 244
Flood routing with real-time stage correction method for flash flood forecasting in the Tanshui River, Taiwan
M.-H. Hsu, J.-C. Fu and W.-C. Liu 267
A model comparison of karst aquifer evolution for different matrix-flow formulations
G. Kaufmann 281

doi: 10.1016/S0022-1694(03)00410-4

Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Journal of Hydrology 283 (2003) 290
Journal of Hydrology
www.elsevier.com/locate/jhydrol

Contents of Volume 283

Vol. 283, Nos. 1–4 **December 10, 2003**

Research Papers

Encoding prior experts judgments to improve risk analysis of extreme hydrological events via POT modeling
E. Parent and J. Bernier 1
Hydrogeological interpretation and potential of the new magnetic resonance sounding (MRS) method
M. Lubczynski and J. Roy 19
Land-surface hydrological processes in the permafrost region of the eastern Tibetan Plateau
Y. Zhang, T. Ohata and T. Kadota 41
River–groundwater interactions in the Brazilian Pantanal. The case of the Cuiabá River
P. Girard, C. J. da Silva and M. Abdo 57
Predicting the effects of landuse change on water and salt balance—a case study of a catchment affected by dryland salinity in NSW, Australia
N. K. Tuteja, G. Beale, W. Dawes, J. Vaze, B. Murphy, P. Barnett, A. Rancic, R. Evans, G. Geeves, D. W. Rassam and M. Miller... 67
A diffusive transport approach for flow routing in GIS-based flood modeling
Y. B. Liu, S. Gebremeskel, F. De Smedt, L. Hoffmann and L. Pfister 91
Entropy and generalized least square methods in assessment of the regional value of streamgages
M. Markus, H. V. Knapp and G. D. Tasker 107
Hydrochemistry, weathering and weathering rates on Madeira island
C. H. Van der Weijden and F. A. L. Pacheco 122
Surface runoff in urban catchments: morphological identification of unit hydrographs from urban databanks
F. Rodriguez, H. Andrieu and J.-D. Creutin 146
Surface energy budget and closure of the eastern Tibetan Plateau during the GAME-Tibet IOP 1998
K. Tanaka, I. Tamagawa, H. Ishikawa, Y. Ma and Z. Hu 169
Trends in nutrient concentrations in Latvian rivers and the response to the dramatic change in agriculture
P. Stålnacke, A. Grimvall, C. Libiseller, M. Laznik and I. Kokorite 184
Effects of large-scale changes in land cover on the discharge of the Tocantins River, Southeastern Amazonia
M. H. Costa, A. Botta and J. A. Cardille 206
Addendum to overland flow to and through a segment of uniform resistance
W. Hogarth, J.-Y. Parlange and C. W. Rose 218
A numerical study on the influence of fractured regions on lake/groundwater interaction; the Lake Kinneret (Sea of Galilee) case
H. Abbo, U. Shavit, D. Markel and A. Rimmer 225
Influence of grain fabric and lamination on the anisotropy of hydraulic conductivity in unconsolidated dune sands
E. H. van den Berg and J. J. de Vries 244
Flood routing with real-time stage correction method for flash flood forecasting in the Tanshui River, Taiwan
M.-H. Hsu, J.-C. Fu and W.-C. Liu 267
A model comparison of karst aquifer evolution for different matrix-flow formulations
G. Kaufmann 281

doi: 10.1016/S0022-1694(03)00410-4